

- Bringing the University to the people
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# Improving the Lives of Leelanau County Residents

**197**  
UNIQUE  
EDUCATIONAL  
PROGRAMS  
ACCESSED BY  
RESIDENTS

PROGRAMMING  
REACH  
**1,865**

ONLINE  
REACH  
**2,710**

SOCIAL MEDIA  
REACH  
**106,228**

# Developing Youth and Communities

Rosali Collier 4-H Program Coordinator



**4-H's Long-reaching Effects**  
Compared to other youth, 4-Her's are:

**4x** more likely to contribute to their communities

**2x** more likely to be civically active

**2x** more likely to make healthier lifestyle choices

**3x** more likely to take part in science programs compared to girls in other out-of-school time activities

**4-H**  
To Make the Best  
*Better*

### Virtual Showcase and Auction:

- 100% of the 190 animals that went through the auction were sold
- 270 local 4-H youth participants created 618 entries. 
- Sales from the auction totaled \$291,387
- Animals donated to local food pantries/charities: 8 swine, 1 lamb, 3 large beef cattle. 



Winning T-Shirt Design by Bella Wolf



4-H Embryology Program at Suttons Bay Elementary



### Learning Life Skills Through Hands-On Experiences



Tractor Safety Program



Book Drive



Work Bee at the Fairgrounds

**ART AND SOUL 4-H SKETCHBOOK CLUB**

Free Club for Youth in Grades 6-8  
Tuesdays & Thursdays, June 8th-24th  
6:30-7:30 PM EST via Zoom  
Contact Rosali Collier at [collierr@msu.edu](mailto:collierr@msu.edu) to register

MICHIGAN STATE UNIVERSITY | Extension | **4-H GROWS HERE**

Babysitter Training Kit

# Keeping People Healthy

*Jane Rapin* Community Nutrition Instructor

## *Community Partners:*

Northwest Food Coalition

Leelanau Christian Neighbors

Benzie-Leelanau Health Department

Glen Lake Schools

**\$1 = \$10**



**EVERY \$1 SPENT ON NUTRITION EDUCATION SAVES  
AS MUCH AS \$10 IN LONG-TERM HEALTH CARE COSTS.**

# Keeping People Healthy

*Jane Rapin Community Nutrition Instructor*



Our northwest Michigan Community Nutrition Instructors at the Grow Benzie kitchen, recording a series of short cooking videos featuring tasty, nutritious and simple recipes





# Making the Healthy Choice Easier

*Supporting Changes to Policies, Systems and Environments*

Free, in-school nutrition and physical activity program at Glen Lake Schools

- Heated cabinet for meal serving
- Partnership with Playworks to create recess and play environments for all youth
- Chocolate Milk program for athletes

**\$13,632**

Grant funds to  
Glen Lake Schools  
through MSU  
Extension  
partnerships



# Supporting Ag & Agribusiness

*Nikki Rothwell, PhD Northwest Michigan Horticultural Research Center Director*

**Tree Fruit IPM  
Update Webinars**

**Participants:  
629**



**2020 Spring Tree  
Fruit Webinars**

**Participants:  
478**





# Supporting Hop Production

*J. Robert Serrine, PhD* Community Food Systems Educator

Great Lakes  
Hop & Barley  
Conference

Online  
Courses

Hop Production in  
Midwest & Eastern  
North America

Research  
Education  
Outreach

MSU  
Hop Bine &  
Dine Webinar  
Series



# Wine Grape Industry

*Esmail Nasrollahiazar* Viticulture Educator

## Wine Grape Acreage in Leelanau County

2011:  
**680**

2020:  
**890**



**Educational Meetings**  
Parallel 45 & MSU Extension

**Local Research Partnerships**  
Grapevine bud cold hardiness project

**2021 Orchard & Vineyard Show**  
Over 120 grape & wine producers

## Estimations of Wine Grape Production in Leelanau County:

2011:  
**1,700**

2020:  
**2,225**

(2.5 tons per acre)



# Consumer Horticulture

Nathaniel Walton, PhD Consumer Horticulture Program Instructor



1,000 Hours

Volunteered  
by Master  
Gardeners

\$28,000

Value of various  
projects by  
Master Gardeners

Master Gardener volunteers maintain the rain  
gardens at the Governmental Center



Virtual Plant & Pest  
Diagnostic Clinic

# Farm Business Management

Stan Moore *Farm Business Management Educator*

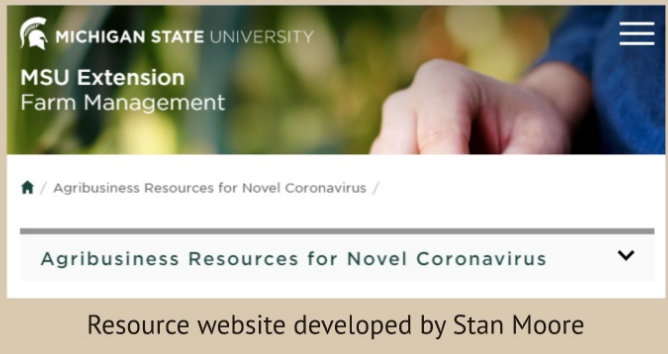
**30+**  
Full Time  
Employees

12 Local farms  
participated in  
Farm Financial  
Analysis

**\$8 Million**  
Gross Sales

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Stan Moore Farm Business Management Educator



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Full Time  
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**\$8 Million**  
Gross Sales



## Assistance to Support Entrepreneurs

*Developing products and businesses in the areas of food, agriculture, natural resources and bio economy*



# Fostering Strong Communities

*John Amrhein    Government, Leadership & Finance Educator*



## **Leelanau County Participation in Government & Community Vitality Programs**

- Northern Michigan Counties Association
- New Commissioner School - completely virtual!
- Facilitation of a Ripple Map Evaluation in partnership with the Northwest Food Coalition's Farm to Neighbor Program
- Citizen Planner Program

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**Food Security Summit:** a six-part virtual series to address regional food insecurity and hunger

Hosted by the Northwest Food Coalition in partnership with Food Rescue of Northern Michigan, Groundwork Center for Resilient Communities and Michigan State University Extension with financial support from Rotary Charities of Traverse City





# Enhancing & Protecting Great Lakes Coastal Resources

Mark Breederland Michigan Sea Grant Educator

## Outreach

High Great Lakes Levels



## Education & Resources

Community Leaders



## Technical Assistance

Coastal Landowners



*Thank you for your  
partnership with  
MSU Extension  
in providing education and  
outreach to the citizens of  
Leelanau County*



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